



# BrickMaster™

magazine



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# BrickMaster™

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For more  
information on the  
ALL NEW LEGO  
Vaults Volume 2  
See inside  
Back Cover







# Brickmaster™

magazine



They Strike Like  
Lightning  
Meet the Toa Inika!



What's NXT?  
Enter the world of all-new  
MINDSTORMS™ NXT!

Secrets of  
LEGO® Avatar™  
Check out the exciting sets  
based on Nickelodeon's  
smash hit series!

July-August 2006

Item # 221301



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www.LEGOclub.com



# Enter the LEGO® Landmark Building Challenge!

The world is full of famous places and amazing sights – and this is your chance to build one! Create a model of a famous landmark – anything from the White House to the Eiffel Tower to the Sphinx, any landmark from any nation -- using your LEGO collection. You could be one of five (5) people to win a LEGO set of their choice worth up to \$100!

All entries must  
be received by  
September 1st, 2006.

## TO ENTER:

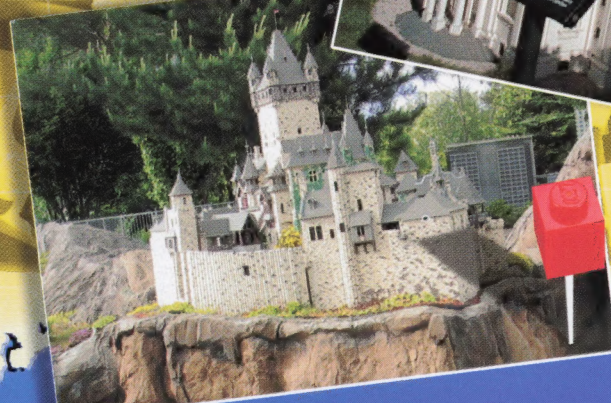
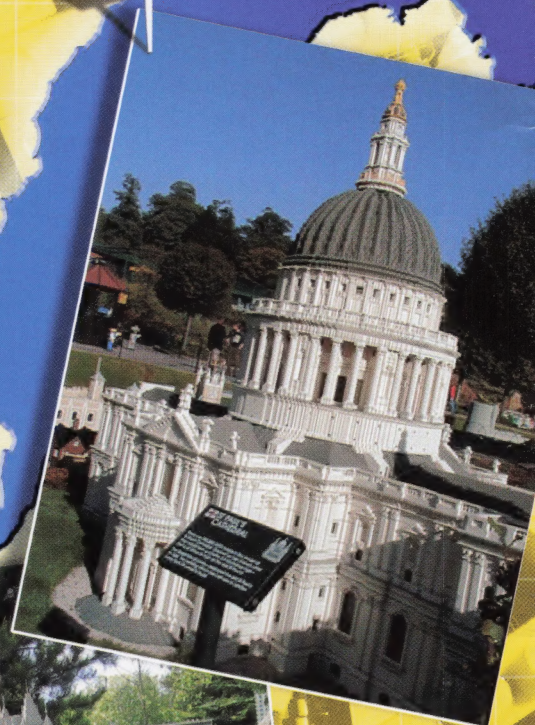
1. Build a model of a famous landmark from anywhere in the world using pieces from your LEGO collection.
2. Take a color photograph of your model (make sure it's in focus!). Only color photos and photo-quality print-outs will be accepted – no Polaroids, please.
3. Include the name of your creation along with your own name, age, mailing address and telephone number.
4. Mail your photograph (don't fold it!) and information to:

**LEGO® Landmark  
Building Challenge**

P.O. Box 1625  
Enfield, CT 06083-1625



Open to  
LEGO BrickMasters  
only.



NO PURCHASE NECESSARY. One (1) entry per person. All entries must be received by midnight September 1st, 2006. Offer void where prohibited or restricted by law. Models must be constructed using only pieces from your LEGO® collection. Employees of LEGO Systems, Inc. ("Sponsor") and its affiliates and subsidiaries, advertising/promotions agencies and their immediate families are not eligible to participate. Entries will be judged based on originality (50%) and creativity (50%). Five (5) winners will be selected from all eligible entries. Estimated total retail value of each prize: \$100.00. Sponsor reserves the right to substitute prizes of equal or greater value. The LEGO Company and its affiliates and subsidiaries are not responsible for late, lost, misdirected, mutilated or damaged entries. All entries become the property of the LEGO Group, and may be used for any purpose. These photos will not be returned. By participating in this contest, entrants agree to be bound by the official rules and decisions of the judges. Winning entries will be shown in the November issue of LEGO Magazine BrickMaster Edition.

BrickMaster



# LEGO BIRTHDAY BASH

BrickMaster

LEGO Fan Hunter Hall turned 8 in April, and he celebrated the big day in a really big way! He held his birthday party at the Northbrook Court LEGO Store in Northbrook, Illinois. Hunter and his friends, all major LEGO builders, had a great time taking in the sights and sets at the party hosted inside the store. They even got to take part in a big building activity and create all sorts of air-planes and space ships from a huge collection of LEGO bricks!



2006.04.24



To Find out more about having an ultimate LEGO birthday celebration at a LEGO Store, check out [www.lego.com/legostores!](http://www.lego.com/legostores!)



# SECRETS OF THE TOA INIKA!

## FROM THE CHRONICLES OF HAHLI:

A strange and amazing thing has happened! I and five of my Matoran Friends journeyed to the island of Voya Nui. When we arrived, bolts of lightning from a mysterious red star transformed us. Now we are Toa Inika – and unlike any heroes ever known before. ■



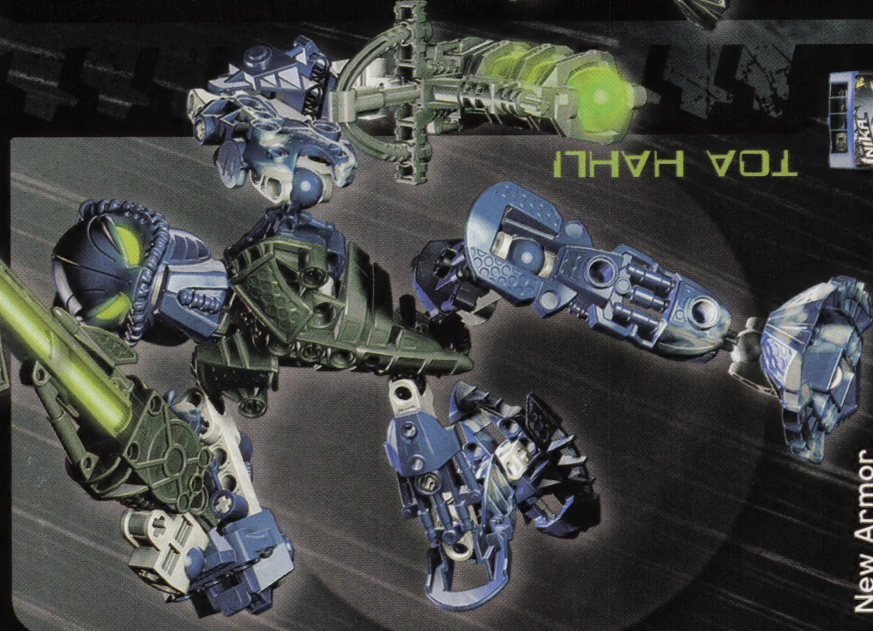
TOA JALLER



B727

### Light-Up Weapon

Our Toa weapons are charged with incredible energies that make them light up when in use.



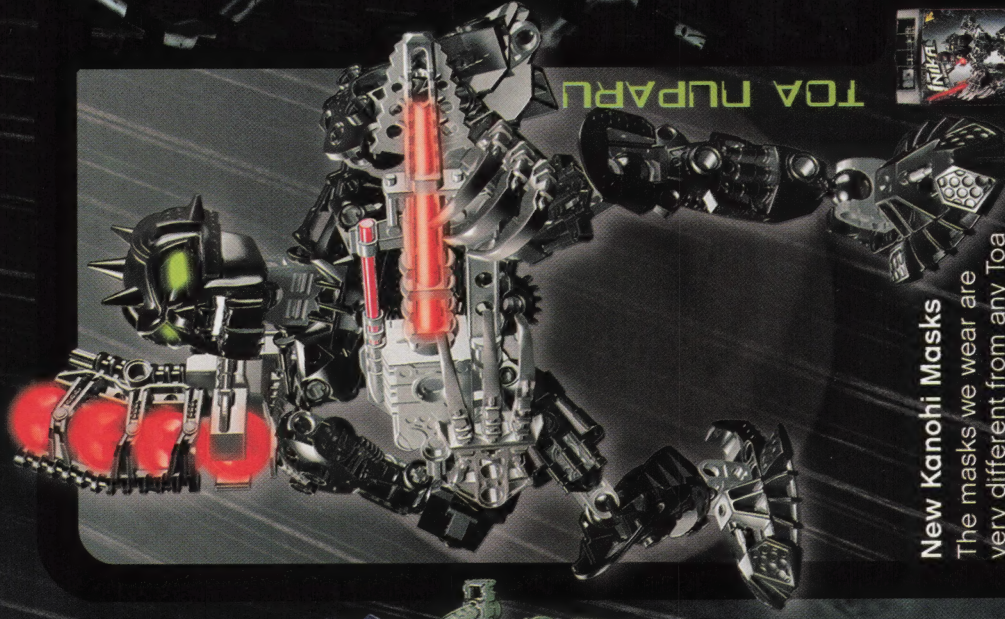
TOA HAHLI



B728

### New Armor

Toa Inika armor is quite different from any seen before, designed to contain the energy that courses through our forms.



TOA NUPARU

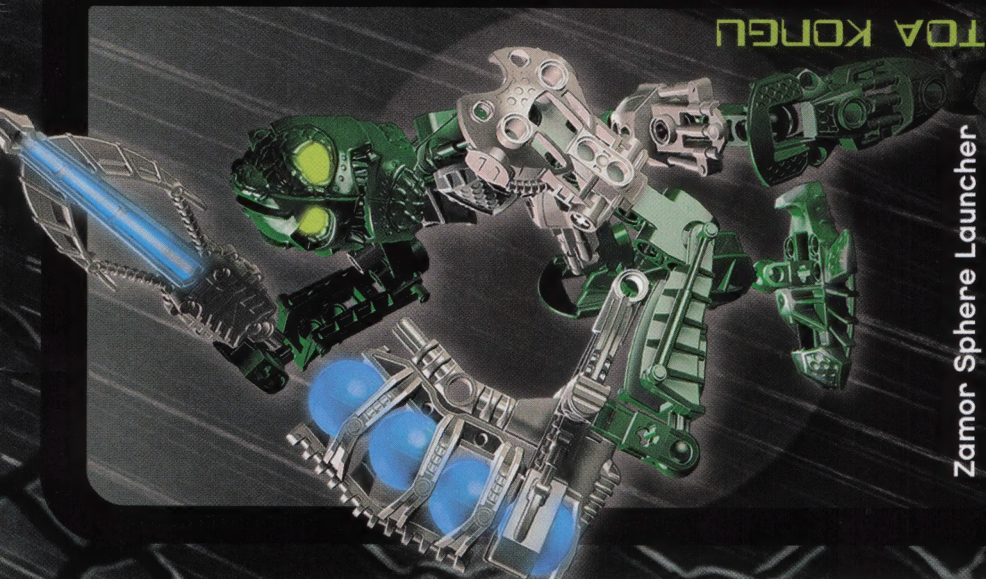


B729

### New Kanohi Masks

The masks we wear are very different from any Toa masks we have seen before, with awesome new abilities.





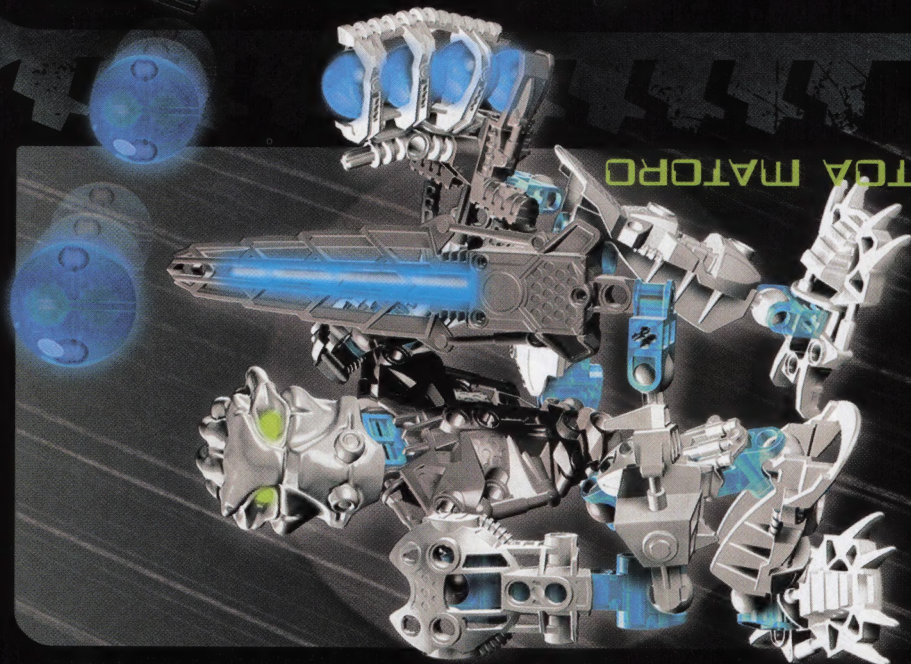
TOA KONGU



8731

### Zamor Sphere Launcher

Our Matoran friends on this island crafted zamor sphere launchers for us. They hurl spheres that can free the villagers of Voya Nui from enslavement.



TOA MATORO



8732

### Glow in the Dark Heads

Now filled with the energies of the lightning, even our features glow brightly.



TOA HEWKII



8730

### New Colors

Even the colors of our armor were changed by the lightning. Toa Hewkii is the first Toa of Stone in memory to be a shade other than brown.

**For more information on the Toa Inika, check out this month's BIONICLE comic and [www.BIONICLE.com](http://www.BIONICLE.com)!**



**JOIN THE BATTLE**  
on 8/17/06



**FREE  
THE  
BAND**

[www.freetheband.com](http://www.freetheband.com)

Join the battle. Free the Band. Claim your rewards.



# ENTER THE BIONICLE® SUPER STRONGHOLD BUILDING CHALLENGE!

The evil Piraka have built a mighty stronghold on the island of Voya Nui. Now the Toa Inika want to build their own! Create what you think the Toa's stronghold should look like, and you could be one of five (5) people to win a LEGO set of their choice worth up to \$100! ■

## TO ENTER:

1. Build a model of your Toa Inika stronghold using pieces from your LEGO collection.
2. Write an essay (200 words or less) detailing anything special about your stronghold, like defenses against Piraka attack.
3. Take a color photograph of your model (make sure it's in focus!). Only color photos and photo-quality print-outs will be accepted – no Polaroids, please.
4. Include the name of your creation along with your own name, age, mailing address and telephone number.
5. Mail your photograph (don't fold it!) and essay to:

**BIONICLE® Super Stronghold Building Challenge**  
P.O. Box 1625  
EnField, CT 06083-1625

**NO PURCHASE NECESSARY.** One (1) entry per person. All entries must be received by midnight September 1st, 2006. Offer void where prohibited or restricted by law. Models must be constructed using only pieces from your LEGO® collection. Employees of LEGO Systems, Inc. ("Sponsor") and its affiliates and subsidiaries, advertising/promotions agencies and their immediate families are not eligible to participate. Entries will be judged based on originality (50%), creativity (30%), and essay (20%). Five (5) winners will be selected from all eligible entries. Estimated total retail value of each prize: \$100.00. Sponsor reserves the right to substitute prizes of equal or greater value. The LEGO Company and its affiliates and subsidiaries are not responsible for late, lost, misdirected, mutilated or damaged entries. All entries become the property of Sponsor and will not be returned. By participating in this contest, entrants agree to be bound by the official rules and decisions of the judges. Winning entries will be shown in the November issue of LEGO Magazine.

All entries must  
be received by  
September 1st,  
2006.



**5 WINNERS  
GET A LEGO® SET  
OF THEIR CHOICE  
WORTH UP TO  
\$100!**



## Piraka Stronghold

This fortress is the headquarters of the evil Piraka. It's here that they keep the antidermis virus they used to enslave the Matoran. We know we will have to drive them out of there if we want to win the fight ... but so far, I don't see how we'll do it.

- Protected by zamor sphere launchers and strong gates.
- Largest building on the island.
- Defended by all six Piraka.
- Built for the Piraka by the Matoran before they realized the villains' true natures.
- At least one other attempt was made to attack this fortress, by the Toa Nuva and the Matoran resistance – they were defeated.

# TOA NUPARU'S





# GUIDE TO VOYA NUI

As the aerial scout for the Toa Inika, I've had the chance to study some of the most important locations on the island of Voya Nui. Add to that the legends shared by the Matoran and the mysterious being called Axonn, and I can share some secrets that might just save Toa lives. ■

## Piraka Outpost

Close to a dozen of these outposts dot Voya Nui. They were built by the Piraka to defend approaches to their stronghold. We are going to have to destroy at least a few of them if we hope to take the Piraka's headquarters.

- Protected by automated guardians called Nektann.
- Some Nektann are fixed, and some are mobile.
- Jaller is relying on spider like Rahi called "Fenrakk Spawn" to help us smash these outposts, but I am not sure how far we can trust these creatures.

## Lava Chamber Gate

I have never actually seen this structure, but Axonn has described it. Just before you reach the chamber that holds the Mask of Life, there is a great bridge over a river of lava. At the end of the bridge is a small gateway that leads to the mask's hiding place. We will need to get across this bridge to achieve our goal ... if we make it that far.

- The bridge is incredibly ancient and not very stable – so there is the danger that a well-placed blast of power could bring it down.
- If the Piraka reach the bridge first, they will no doubt set up zamor sphere launchers to defend it against us.
- Once over the bridge, we just have to raise the gateway and our quest will be almost finished!







# CREATOR

4894  
Mythical Creatures

# A BRICK BESTIARY



*H*ere are but a few of the fantastic creatures that may be built from the parts and pieces within this LEGO set! ■

The dreaded **DRAGON** casts its shadow over the land! With enormous wings and breath of glowing flame, it is the most feared of creatures. There must be a grand tale in the spiked collar and broken chain the beast still wears.



Thrice the danger looms, for the 3-headed **WYVERN** allows none to enter his hidden cave of gold. No treasure-hunter has yet escaped the creature's ever-watchful gaze!



Beware as you cross the bridge, for the brutish **OGRE** may lurk beneath to rob passing travelers. Though low on brains, in savage strength he has no match.



The swamp is no place of safety when the **GIANT SCORPION** is on the hunt. With its long claws and short temper, this swiftly stinging beast is best avoided.

Many more monsters of myth and legend await you!

**8 IN 1**

- Light brick!
- Loads of cool pieces!
- 8 building instructions!



ALSO  
AVAILABLE:



4895  
Motion Power!





# Adventures of the Avatar!

Create your own epic Avatar Adventures!



The adventure continues with all-new LEGO Avatar sets!



3829 Fire Nation Ship

3828 Air Temple

NICKELODEON  
降世神通  
**AVATAR**  
THE LAST AIRBENDER  
LE DERNIER MAÎTRE DE L'AIR

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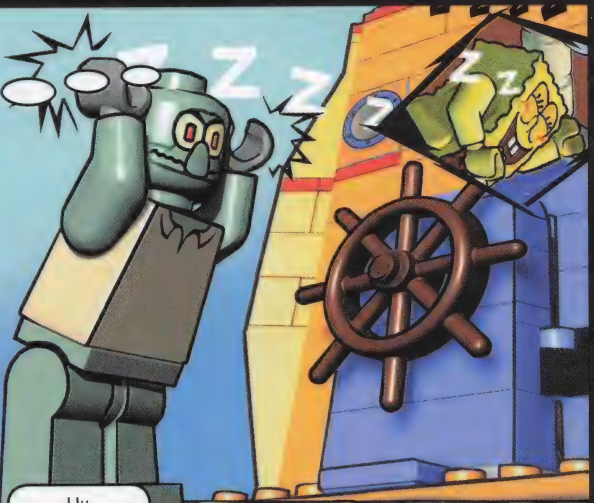




NICKELODEON

# SpongeBob SquarePants™

SPONGEBOB, WAKE UP, SPONGEBOB!



UH, THAT'S OKAY.

YOU'RE GONNA BE LATE FOR WORK!

I'VE GOT THE DAY OFF TODAY, SQUIDWARD! BUT I'LL WALK TO THE KRUSTY KRAB WITH YA!

MEOW.

OFF TO MY FAVORITE PLACE.

HEY, SPONGEBOB! WANNA GO CATCH SOME JELLYFISH? I'LL LET YOU DRIVE MY BOAT!

OKAY!

zooooom

GEE, I GUESS WE CAN GO TO THE KRUSTY KRAB FOR LUNCH.

I LOVE ME MONEY!

SORRY, MR. KRABS. I BURNED ANOTHER ONE.

I WONDER IF THEY'RE HAVING FUN THERE WITHOUT ME.

THAT KRABBY PATTY RECIPE MUST BE IN HERE SOMEWHERE!

I MISS SPONGEBOB...

THE END!

CHECK OUT THE ADVENTURES OF LEGO® TRAVELING SPONGEBOB AT [WWW.LEGOSPONGEBOB.COM](http://WWW.LEGOSPONGEBOB.COM)!

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3826

## Build-A-Bob



THAT PESKY SPONGEBOB HAS FOILED MY  
SCHEMES FOR THE LAST TIME! BUT I'VE GOT A PLAN  
THAT CAN'T FAIL. I'LL CONTROL HIM...

...FROM THE INSIDE!  
HA HA HA! I'LL SPIN HIS EYES  
AND MAKE GOOFY FACES!

I FEEL FUNNY!

I'LL CHANGE  
HIS MOOD FROM  
HAPPY TO SAD!

HEY, WHAT'S  
GOING ON?

I'LL EVEN  
MAKE HIM BLOW  
BUBBLES!

BLUB  
BLUB  
BLUB!

MWA HA HA!  
MY REVENGE IS  
COMPLETE!

WHEEE!  
I WANNA DO THAT  
AGAIN!

## LEGO SpongeBob SquarePants Tour UPDATE!

The winners have been picked... the destinations have been chosen...and SpongeBob is off on his Awesome Adventure Tour all across America!

NICKELODEON  
**SpongeBob  
SquarePants**  
BOB L'EPONGE

The LEGO SpongeBob  
SquarePants collection!



3825



3826



3827

You can follow his adventures at [www.LEGO.com/spongeBob!](http://www.LEGO.com/spongeBob!)



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# MOBILE DEFENSE TANK

**T**he latest addition to the EXO-FORCE arsenal features powerful laser cannons and an energy disk launcher. Piloted by Ryo, it can travel over any terrain to battle the robot army! ■







7706  
Mobile Defense Tank



# Building A LEGEND!

## The Making of LEGO® Avatar: The Last Air Bender

Since it premiered in February 2005, the Nickelodeon animated series *Avatar: The Last Airbender* has taken the world by storm. Blending action, adventure and humor with martial arts and epic fantasy, the series tells the story of Aang, the legendary Avatar and last of the wind-shaping Airbenders. Together with his friends Katara and Sokka, Aang journeys to discover the secrets of his elemental powers and escape capture by Prince Zuko and his Fire Nation warriors.

LEGO BrickMaster Magazine spoke with Bryan Konietzko, co-creator, executive producer and art director on the Nickelodeon series, and Henrik S. Clausen, creative lead and senior designer for the LEGO Avatar line. Here's what they had to say!

### How did *Avatar: The Last Airbender* come to be?

**Bryan:** [Co-creator/Executive Producer] Mike DiMartino and I were interested in developing something epic with a continuing storyline. We wanted the world to be inspired by Asian cultures and mythology, and we wanted the 'magic' to be more natural and physical than the usual fare, which is why we based it on traditional Chinese martial arts. Many of the costumes and locations are directly inspired by examples from ancient Chinese culture. For the vehicles, we draw from elements in the industrial revolution and mix them with our Asian-inspired design themes.

**Henrik:** There's lots of action in it, with a twist of fun. The overall setting and the music and art are great.

### What do you think of the LEGO Avatar models?

**Bryan:** They look great! Mike and I are huge LEGO fans, and have been our whole lives, so obviously we are really excited.

I remember when I first moved out to Los Angeles and started working in animation with Mike. We went to the store and filled up a cart with a bunch of LEGO Star Wars™ sets. It was a great way to relax after work!

### How were the LEGO Avatar sets designed?

**Henrik:** Nickelodeon was very good to work with. First we got the episodes on DVD, and we looked to see what would make a good LEGO model. We made drawings and model sketches to send to Nickelodeon, and they sent us a lot of reference material so

we could start building the actual models and designing the characters. The biggest problem was getting the mini-figures approved in the right color! The biggest triumph was when all the models, decorations and box designs were finally approved. It's been fun to work on this line, because I really like the series. The only problem is that it's not running on television here in Denmark yet!

### If you could make anything from the Avatar TV series in LEGO bricks, what would it be?

**Bryan:** I would love to make the ice city from the Season 1 finale, or a really large version of the Fire Nation ship, with working catapults and trebuchets. Then I could have a huge battle!

**Henrik:** As I speak, we're working on some new Avatar models...so sorry, I can't tell!



### #3828 Air Temple

**Henrik:** This is a great set. It gives us some of Aang's shows us where he comes from. You can lock the door, really like the new disk shooter that the Fire Nation has.

**Bryan:** I think it is really cool that they have the Air Sanctuary door with the three spirals from the show.







**Bryan:** I love Aang's expression! It really matches his personality. I also like Sokka's smirk, for the same reason, as well as the nice detail of the boomerang holster on his back. Zuko's armor and scar look cool, but I think my favorite is the creepy skull mask on the Firebender!

**Henrik:** I like them all, but my favorites are Aang and Prince Zuko. Not because they are enemies, but because of their different personalities. I think there is more to Prince Zuko than we know.



**Bryan:** We actually used LEGO bricks to help the design process of the Fire Nation tanks. I wanted to make sure the hull could actually flip all the way around within the frame, so one of the crewmembers built a model using LEGO elements. It worked!

"I would love to make the ice city from the Season 1 finale..."

— Bryan

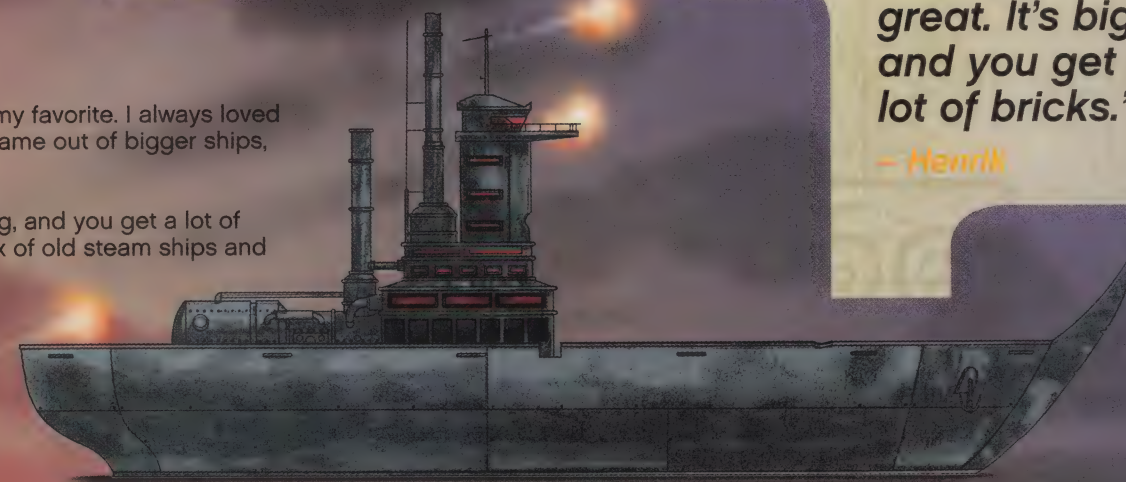
#### #3829 Fire Nation Ship

**Bryan:** The Fire Nation ship is my favorite. I always loved building smaller vehicles that came out of bigger ships, like the skiff on this design.

**Henrik:** The ship is great. It's big, and you get a lot of bricks. I really like how it's a mix of old steam ships and modern destroyers.

"The ship is great. It's big, and you get a lot of bricks."

— Henrik



LEGO



LEGO

# COOL CREATIONS



Attack on LEGO Mousma  
Carlyn (age 11) and Cately (age 11) Coglans

Bat Symbol  
Charles Frey, age 13



Sea Scorpion  
Karol Walec, age 5



Gold Finch  
Brandon White, age 3

LEGO Pilla  
Michael Crenshaw, age 11



Worlds of Adventure  
David Anderson, age 11







Sand Tractor  
Jonathan McCune, age 6

# LEGO BrickMaster CREATOR

## Mini-Model Madness WINNERS!



T-Rex Skeleton  
Alejandro Poley, age 9



Burn Up  
Dylan Woodham, age 11

## Power Racer Stunt Track

Super Loop Stunt Track  
Nicholas Blankenberger, age 14



Jammin' Jungle Course  
Alex Van Valkenberg, age 11

W  
I  
N  
N  
E  
R  
S  
!

Got an awesome model of your own you would like to see in Cool Creations? Then send your photos to:

Cool Creations



P.O. Box 1308  
Enfield, CT 06083-1308

Remember to include your name, age, address and the name of your model. No Polaroids please! Pictures will not be returned, so take an extra photo for yourself!



KILLER CROC IS ON THE  
LOOSE IN GOTHAM CITY™!

BLAM  
BLAM  
BLAM

I'M GOING TO TAKE THIS  
TOWN APART, BRICK BY BRICK,  
STARTING WITH THE WATERFRONT!  
BEFORE I'M DONE, I'LL BE  
RUNNING GOTHAM CITY™!

AND MY FIRST ACT  
AS "MAYOR CROC"  
WILL BE TO OUTLAW  
BATMAN !



YOUR ELECTION'S  
JUST BEEN CANCELLED,  
CROC.

WHOOOSH

THINK AGAIN, BAT!  
NOBODY'S BETTER, STRONGER  
OR FASTER THAN ME ON  
THE WATER!

WHOOOSH



HERE'S WHERE I PROVE IT!  
I CAN GET THROUGH THAT NARROW  
GAP, BATMAN™ -

CAN YOU?

PAY ATTENTION, CROC -

QUICKLY, BATMAN™ LAUNCHES THE MINI-SPEED  
BOAT FROM THE BACK OF THE BATBOAT!

YOU MIGHT LEARN  
SOMETHING.

WHAT DOES IT TAKE  
TO STOP YOU,  
BATMAN?!

MORE THAN YOU'VE  
GOT, CROC.

NEXT ISSUE: THE PENGUIN™ AND MR. FREEZE™!



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# Create thousands of robotic inventions...

"Hello, Builder. What Do You Want to Do Today?"

Introducing the new LEGO MINDSTORMS NXT, the next generation in robotics. With incredible interactive sensors, gears, motors and a 32-bit micro-processor brain, you can build and program robots to do *what you want, when you want, how you want*. And it's fun and easy to use, whether you're an amateur or an expert.

## The NXT Intelligent Brick

### The Important Stuff:

- The "heart" of your robot creation. Here's where the fun starts!
- Easy to get started and easy to use – build and program a robot in under 30 minutes!

### The Tech Talk:

- Powerful 32-bit microprocessor with Flash memory.
- 4 input ports, 3 output ports and 7 6-wire cords.
- Matrix display and real sound speaker.
- USB 2.0 and Bluetooth communication.
- Digital wire interface for third-party developments.
- PC and Macintosh compatible software.



#### Ultrasonic Sensor

Who's there? The "eyes" of your robot measure distance and detect objects and movement.



#### Sound Sensor

I hear and obey! Sound commands, patterns and tones are music to your robot's ears.



#### Light Sensor

Who turned on that light? Your robot can detect colors and light intensities.



#### Touch Sensor

These hi-tech "Fingers" react to touch, letting your robot detect contact...and respond accordingly.



#### Interactive Servo Motors

Three of these motors bring your robot to life, giving it precise movement at your command.





# WHAT WILL YOUR ROBOT DO FOR YOU?



IT FEELS! IT WALKS! IT REACTS TO ENVIRONMENT!

## SPIKE - THE ROBOTIC SCORPION

IT SEES! IT HEARS! IT STINGS! IT FEELS! IT WALKS! IT REACTS TO ENVIRONMENT!



### Bluetooth®

Program your robot to take commands from your Bluetooth enabled mobile phone!

Supported Bluetooth software is: Widcomm® Bluetooth for Windows newer than v. 1.4.2.10 SP5 and the Bluetooth stacks included in Microsoft XP with Service Pack 2 / Apple MacOS X 10.3.9 and 10.4.

### PC/Mac

### TRIBOT

Fast and flexible, this 3-wheeled driving robot can perform all kinds of tasks!



### Eye See You

Who's that sneaking into your room? With the MINDSTORMS NXT ultrasonic sensor, you'll always know. Monitor movement! Spot objects! Detect intruders! Measure distance! Guarding your space was never this much fun before.



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Go visit [www.mindstorms.com](http://www.mindstorms.com) • What's **NXT**?



# ROBOT CREATION CONTEST

## WHAT'S NXT? >>>>>>



What's MINDSTORMS NXT all about? Building robotic creations that do what you want, that's what! So what do you want to do today?

Enter the LEGO MINDSTORMS building contest!

Use a 8527 LEGO MINDSTORMS NXT set and your LEGO collection to create an original robot to do your bidding. What will your creation do?

>>>>>>> Guard your room?

>>>>> Draw a picture?

>>>>>>> Clean your room?

>>>>> Serve you snacks?

>>>>>>> Chase your sister?

>>>Transport your LEGO mini-figures?

It's all up to what you want!

Three winners will receive a LEGO set of their choice worth up to \$100 and have their MINDSTORMS NXT robot featured in the November/December issue of LEGO Magazine.

### TO ENTER:

1. Build a unique robot using 8527 LEGO MINDSTORMS NXT and pieces from your LEGO collection.
2. Write an essay of 500 words or less telling us what your robot creation does.
3. Send a color photograph or photo-quality print-out of your robot (no Polaroids, please!), along with your essay, name, address, age and phone number, to:

LEGO MINDSTORMS NXT Contest  
P.O. Box 1625  
Enfield, CT 06083-1625

All entries must be received by September 15th, 2006!

For complete contest rules,  
go to [www.LEGO.com/club](http://www.LEGO.com/club)

 **mindstorms**  
NXT





# Meet Dan Barry!

**m** meet Dan Barry, retired NASA astronaut and recent contestant on the CBS reality show, "Survivor Panama: Exile Island." Dan's passion for creation, engineering and robotics has allowed him to fulfill many a life's dream, and won him a seat in the LEGO® MINDSTORMS® Developer Program (MDP). As an MDP member, Dan received one of the very first sets of MINDSTORMS NXT. LEGO BrickMaster Magazine asked Dan to share his thoughts on NXT.

## 1. So Dan, you became a NASA astronaut in 1992? What missions were you on?

I flew on STS-72 Endeavour in 1996 that retrieved the Space Flyer Unit and deployed and retrieved the OAST-Flyer, on the STS-96 Discovery in 1999, the first shuttle to dock with the International Space Station (ISS) and deliver supplies for the first crew that would live on the ISS, and finally on STS-105 Discovery, the 11th mission to the ISS, in 2001.

## 2. How did you decide to become an astronaut?

I wanted to fly in space as long as I can remember. I wrote to an astronaut to ask what I should do to prepare to fly in space. He said to find the area I was most motivated to learn, pursue whatever interested me the most, find a way to relate it to space and apply to the astronaut office.

## 3. What makes robotics so exciting for you?

I think that robots will become everyday companions for people and will also be at the forefront of exploration. Robots will build bases on the Moon and on Mars



so that when people arrive, their homes and laboratories will already be there. Also, I think that robots will be in everyone's home someday soon, helping with household chores, providing nursing help or simply being a fun companion.

## 4. Tell us a little bit about why you wanted to participate in the MINDSTORMS Developer Program.

I've had a long interest in LEGO robotics, starting with kits that I built with my kids. However, those robots were not able to do sophisticated tasks. I wanted to see if MINDSTORMS NXT was able to become an assistant for my company's bigger robot, Neel. Also, I am interested in science education and wanted to see if NXT is a good system for introducing programming and robotics to people with no prior experience. It is!

## 5. What kinds of LEGO robots have you built and programmed with MINDSTORMS NXT?

First I built the trimotor platform that is suggested in the kit. Then I modified that to seek out the direction where light is brightest and go there. Then I built a robot

that has two drive motors and used the third motor to move the light and ultrasound sensors. That robot can find light or dark directions, avoid obstacles, and navigate around the house.

## 6. What's your favorite thing about the next generation MINDSTORMS product?

I really like that I can easily program the robots to do one thing today and another tomorrow. I am building blocks of programming code that are easily loaded and unloaded so that a single robot can do tons of different tasks. I also really like that I can share code and ideas with people on-line and find others to work with and create robots together. MINDSTORMS is a product that is sophisticated enough that I can make robots do very interesting tasks, yet it is simple enough that people with no prior experience with programming or robotics can use it and even have a working robot within an hour of opening the package.

## 7. Based on your experience, any tips for LEGO magazine readers who want to get started with LEGO MINDSTORMS NXT?

Just start building and programming and make things go!

It is so rewarding to see a robot responding to your own programs that beginning with very simple robots and programs will give you immediate success and will get you wanting to build more. I would then suggest sharing your ideas and inventions with others at school or online. The community of MINDSTORMS users is a wonderful resource for problem solving, idea sharing, and simply having fun together. 🧠

Go to [www.LEGO.com/Club](http://www.LEGO.com/Club) for the rest of the interview.

## Dan Barry Facts:

**Born:** 1953 in Norwalk, Connecticut

**Space Flights:** 3

**Time logged in space:** 734 hours

**Spacewalks:** 4 spacewalks totaling 25 hours and 53 minutes

**Space miles traveled:** 12.6 million

**Number of patents he holds:** 5

**CBS Survivor Contestant:** Season #12: Exile Island, Panama

**Hobbies:** flying, tennis, sailing, ultimate Frisbee, running

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**The world is  
your racetrack.  
Burn rubber.**



**RACERS**  
TINY TURBOS



SLAVE 1 APPROACHING TATOOINE  
WITH IMPORTANT CARGO.

STOP! PREPARE TO  
BE BROUGHT ABOARD.

WHY HAVE YOU  
STOPPED ME, LORD VADER?  
I'VE PROMISED TO DELIVER  
HAN SOLO TO JABBA  
THE HUTT.

LUKE SKYWALKER ESCAPED  
MY TRAP ON CLOUD CITY. I REQUIRE  
SOLO TO HELP FIND HIM.

# COMPLETE THE SAGA

The Star Wars™ saga is complete at last...but the  
LEGO Star Wars™ adventure is just beginning!

SORRY, VADER.  
BOBA FETT ALWAYS  
KEEPS HIS WORD.

YOU'VE DONE WELL,  
BOUNTY HUNTER. DID YOU HAVE  
ANY DIFFICULTY BRINGING  
CAPTAIN SOLO TO ME?

WELL...

WHAT COULD HAPPEN NEXT?  
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6211 Imperial  
Star Destroyer

6210 Jabba's Sail Barge

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# ENCY

## response mech

Who said you have to stick to just one theme, BrickMasters? Sometimes the biggest and best brick creations can be made by combining pieces from different types of LEGO models. Our model builders made this Futuristic Emergency Response Mech using parts from EXO-FORCE's 7701 Grand Titan and LEGO City's 7890 Ambulance. You can build it too... or maybe you'd rather use bricks from LEGO Vikings, or LEGO Racers, or Dino Attack. The only limit is your imagination, and what you create is all up to you! ■



What can YOU make by combining LEGO themes?

**TRY IT AND SEE!**

7701

7890





# Defenders of the Tower!

**T**he Kingdom of Morcia is in danger! When evil warriors try to steal the magic of the Mistlands Tower, King Jayko and his newest knights must fight to defend it with their all-new weapons, armor and battle-action fighting moves.



## SIR KENTIS (8703)

Meet the Knight of the Stallion! Sir Kentis is a medieval master of martial arts. With his metallic plate and chain-mail armor and his shield-smashing mace, he can find the weak point in any enemy's attack!

## SIR ADRIC (8704)

Here comes the Knight of the Bull! With his mighty battle axe swinging, Sir Adric charges bravely into battle. Thanks to his new metallic armor and shield, he can smash through any obstacle in his way!

## KING JAYKO (8701)

King Jayko is the heroic ruler of Morcia! With two-handed battle-attack action and his new enchanted sword, he'll defend the kingdom with all his might. Watch out for his fireball-launching axe-ram, Rogue Knights!

## MESSAGE FROM THE BOOK OF MORCIA!

The Book of Morcia has a secret message for King Jayko. Unscramble the letters in each word to find out what it says! King Jayko has already figured out one of the words. Can you help him decode the rest?

TIHGF EHOTETGR OT AFETED HET OGREU TSIGHNK!

T O G E T H E R



# Invaders of the Kingdom!



## Knights' Kingdom

DEFEND THE TOWER SAVE THE KINGDOM

The evil Lord Vladek has returned! With his army of Rogue Knights, he's out to capture the power of the Mistlands Tower and rule Morcia. Will his mighty magic sword and Rogue Knight henchmen overcome the kingdom's bravest champions? ●



### ● LORD VLADEK (8702)

With his sword of evil magic and side-slashing battle-attack action, Lord Vladek will stop at nothing to conquer the kingdom. His rocket-firing crossbow cannon is strong enough to blast down the gates of the Mistlands Tower!

### ● DRACUS (8705)

The Rogue Knight of the Dragon loves fighting more than anything else, and with his metallic armor and broadsword, he almost never loses. Dracus is the leader of all the Rogue Knights, but he still has to obey Lord Vladek!

### ● KARZON (8706)

The Rogue Knight of the Serpent is a sneaky and cunning foe, armed with metallic armor and a deadly spiked flail. As weapons-master of the Rogue Knights, Karzon will use every trick and trap he can to win!

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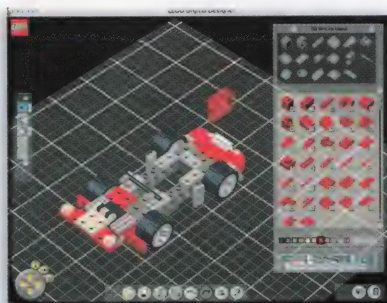
Your custom model arrives in a special LEGO box with a printed picture of your set!

Lots of FREE alternate building instructions are available for your custom set! Check your model's price to see what else you can build with the same pieces!



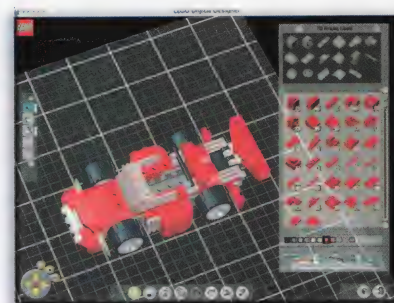
## 1 Download the LDD software!

Free versions for both PC and Macintosh are available. Visit [www.LEGOshop.com/Factory](http://www.LEGOshop.com/Factory) for system requirements and quick, easy download. Install the software and start building offline!



## 2 Create the model of your dreams!

Choose your palette from 5 "starter" sets and simply drag & drop to start building! You can zoom and rotate your model for viewing from every angle as you build digitally in 3D!



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With the click of a button, you can upload your finished model to the LEGO Factory website. Just press the "check price" button to see your cost and piece count, and you're all set to buy your custom-designed model!



**FACTORY**  
BUILDING YOUR WAY

Most custom models also include lots of extra pieces for unlimited rebuilding possibilities!



# Pirate Shores Now Open!



**Avast, me hearties!**

Set sail for Pirate Shores at LEGOLAND California!

Guaranteed to shiver yer timbers on hot summer days, Pirate Shores features four all-new water attractions with fun high-seas adventures to thrill buccaneers of all ages. Prepare to get soaked!

At Splash Battle, man the water cannon as you navigate your galleon through pirate-infested waters. But be warned: your targets have water cannons of their own, and they're not afraid to fire back!

At the Treasure Falls mini-water flume ride, you'll drop in – nearly 12 feet down – on some vacationing pirates. Younger kids can play at Swabbies Deck, surrounded by pop-up water jets, fountains and squirt cannons. More adventurous family members will discover Soak-N-Sail, a shipwrecked pirate vessel with more than 60 interactive water-themed gadgets and a giant bucket ready to pour down 300 gallons of water on unwary trespassers!

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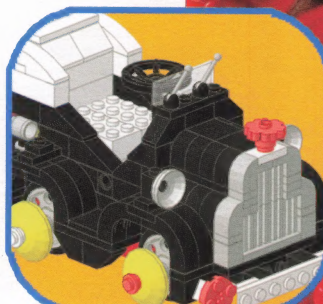
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